

1. Registration will have their own laptop, they will merge data later
2. Setup 3 laptops with power and network connections along with PA, etc
 - a. Laptop 1 will become DataEntry for left side, it requires the full Java and python install, we use the regular data entry computer from normal events, this also had the database downloaded and checked out
 - b. Laptop 2 will become ProTimer, it requires a Java only install, a network connection, and some form of serial port. Connect to Jerry's hardware and test to see if commands are actually being sent over serial line. Make sure it is also connected to the network
 - c. Laptop 3 (optional for right side) will become the secondary data entry, it requires a Java only install and a network connection.
3. Setup main data entry laptop
 - a. Make sure data entry laptop is running and connected to the network
 - b. Set event to proper, course to 1 (Left side)
 - c. Timer → Pro Timer network, select the pro timer service that is found. If nothing is found, verify ProTimer is on and connected to the network and that firewalls are not an issue
4. Setup secondary data entry laptop (optional if available)
 - a. Make sure secondary laptop is connected to the network
 - b. File → Open Database → Network, enter host and name manually or select from the list of network databases found (providing firewalls aren't an issue)
 - c. Set event to proper, course to 2 (Right side)
 - d. Timer → Pro Timer network, select the pro timer service that is found. If nothing is found, verify ProTimer is on and connected to the network and that firewalls are not an issue
5. Print out grid reports (after registration merges changes)
 - a. Go to the admin page on the data entry machine (<http://127.0.0.1/admin/>), Event Admin => Event. Click on Grid Order. Drag and drop classes into their associated groups (1 or 2) and then click submit
 - b. Go to the results page (<http://127.0.0.1/results/>) and for the first pro, print out the Grid Order by number. Get that print out to the grid folks. Might as well print a copy for data entry too as that can help them figure out who is actually in line later
6. Proceed similar to regular data entry
 - a. If using two data entry machines, it's just like a regular event. With a single machine, the user must flip back and forth between course 1 and 2.
 - b. Each machine connected to the ProTimer will get left times and right times but left times only show when course 1 is selected and right times only show when course 2 is selected.
 - c. We've had lockup like issues on the remote data entry machine before. Stress testing at home produces nothing. Some hardware does seem to act up when left in the sun. Perhaps someone can run wireshark on the remote system during the day to help diagnose WTHIH. Rebooting the remote laptop seemed to help which would indicate a networking issue.
7. As each run group ends, perform audit
 - a. Standard run group print out. Should open two tabs in the browser, one for course 1 and one for course 2.
8. After first half, print out new grid report
 - a. Second time around, select order by position, data entry will need to reorder their runorder accordingly
9. Perform final audit
10. Print dialin report
11. See the challenge document for running challenges.